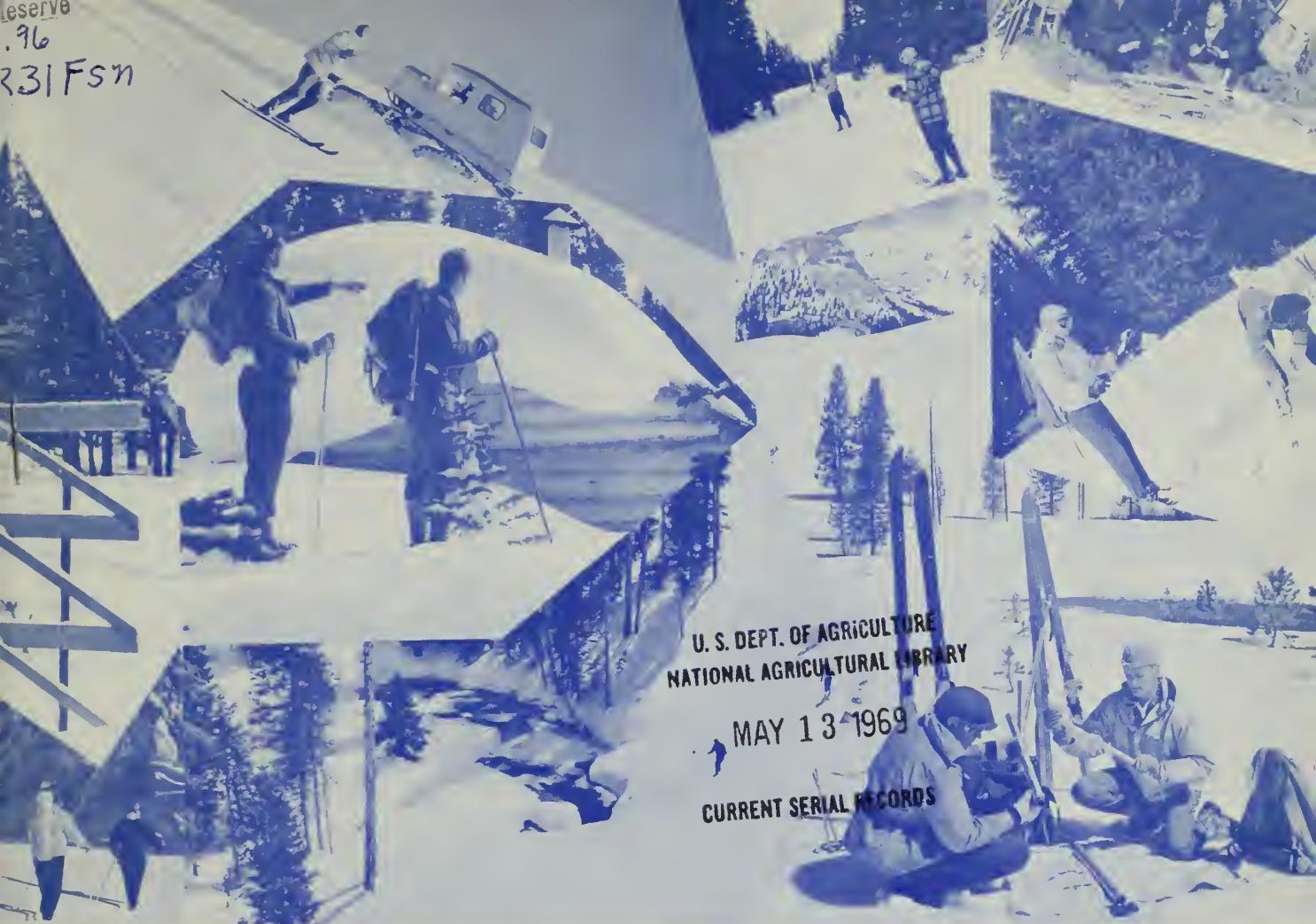


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CURRENT SERIAL RECORDS

WATER SUPPLY OUTLOOK FOR NEVADA

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

UNITED STATES DEPARTMENT of AGRICULTURE...SOIL CONSERVATION SERVICE.
and

NEVADA DEPARTMENT of CONSERVATION and NATURAL RESOURCES
DIVISION of WATER RESOURCES

Data included in this report were obtained by the agencies named above
in cooperation with Federal, State and private organizations listed on
the last page of this report.

AS OF
MAY 1, 1969

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1400 snow courses in Western United States and in the Columbia Basin in British Columbia. In the near future, it is anticipated that automatic snow water equivalent sensing devices along with radio telemetry will provide a continuous record of snow water equivalent at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 209, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	P. O. Box "F", Palmer, Alaska 99645
Arizona	6029 Federal Building, Phoenix, Arizona 85205
Colorado (N. Mex.)	12417 Federal Building, Denver, Colorado 80521
Idaho	P. O. Box 38, Boise, Idaho 83707
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Building, Salt Lake City, Utah 84111
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 340, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR NEVADA

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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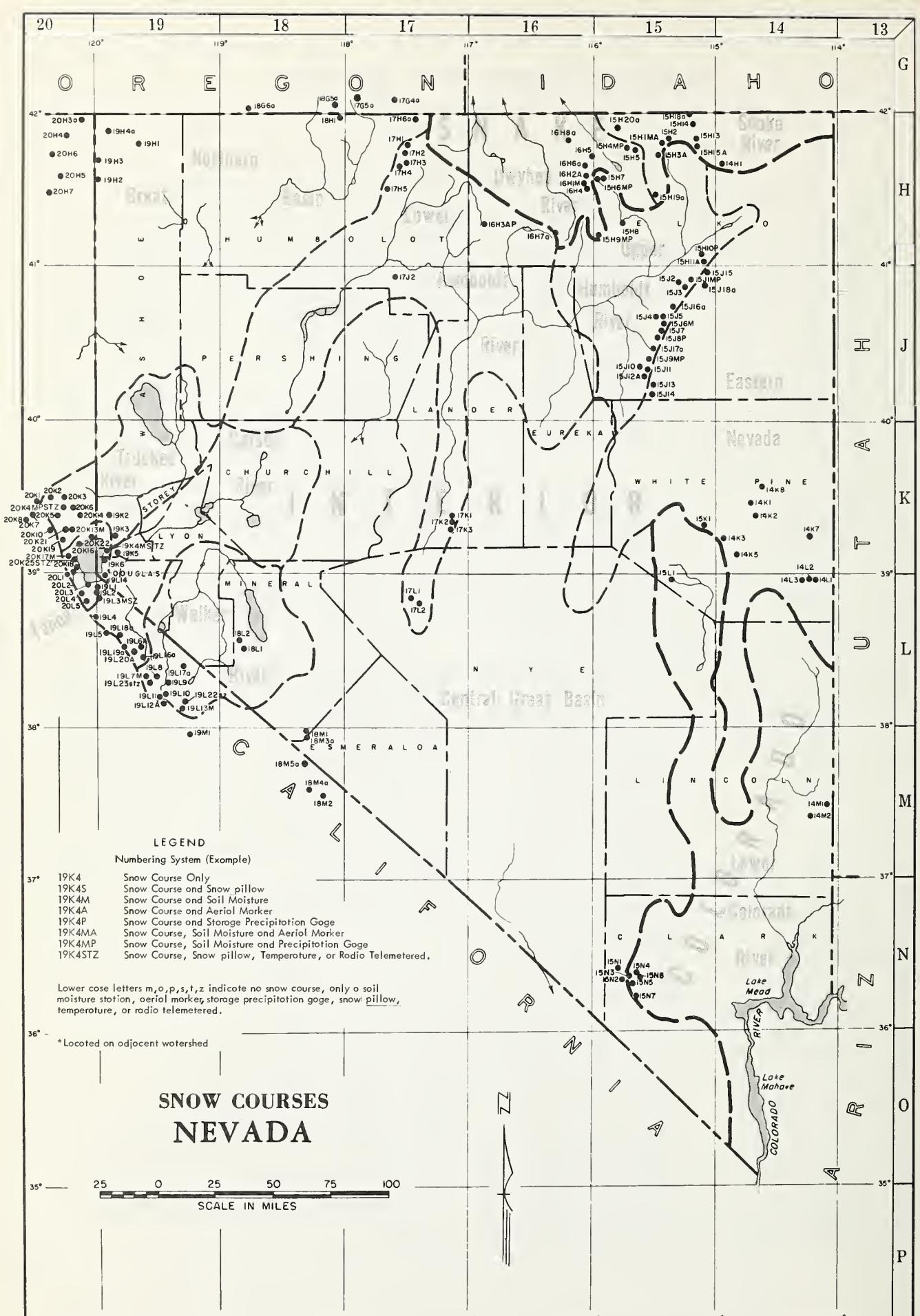
ROY E. MALSOR, JR., Assistant Snow Survey Supervisor
SOIL CONSERVATION SERVICE
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INDEX TO NEVADA SNOW COURSES

(By Basins)

NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.	NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.						
SNAKE RIVER BASIN																	
1SH1MA	BEAR CREEK	31	46N	58E	7800	19L14	OAGGETTS PASS	19	13N	19E	7350						
1SH2	FOX CREEK	33	46N	58E	6800	20L5	ECHO SUMMIT (CAL.)	6	11N	18E	7450						
1SH13	GOAT CREEK	31	46N	60E	8800	19L2	FREEL BENCH (CAL.)	36	12N	18E	7300						
1SH15A	HUMMINGBIRD SPRINGS	6	45N	60E	8945	19K6	GLENBROOK #2	13	14N	18E	6900						
14H1	JAKES CREEK	6	42N	62E	7000	19L3M5Z	HAGANS MEADOW (CAL.)	36	12N	18E	8000						
1SH20a	MERRITT MOUNTAIN	10	46N	54E	7000	20L4	LAKE LUCILLE (CAL.)	28	12N	17E	8200						
1SH14	POLE CREEK RANGER STATION	13	46N	59E	8330	19K4M5TZ	MARLETTE LAKE	18	15N	19E	8000						
1SH18a	RED POINT	15	47N	61E	7940	20L3	RICHARDSONS #2 (CAL.)	6	12N	18E	6500						
1SH3A	76 CREEK	6	44N	58E	7100	20L1	RUBICON #1 (CAL.)	6	13N	17E	8100						
1SH19a	STAG MTN.	29	41N	58E	7800	20L2	RUBICON #2 (CAL.)	6	13N	17E	7500						
OWYHEE RIVER																	
1SH4MP	BIG BENO	30	45N	56E	6700	20K16	TAHOE CITY (CAL.)	21	12N	18E	6250						
16H6a	COLUMBIA BASIN	31	44N	53E	6650	20K17M	WARO CREEK (CAL.)	21	15N	16E	7000						
16H8a	FAWN CREEK	2	45N	52E	7000	20K25TZ	WARO CREEK #2 (CAL.)	21	15N	16E	6750						
15H5	GOLO CREEK	32	45N	56E	6600	LAKE TAHOE											
16H1M	JACK CREEK, LOWER	18	42N	53E	6800	19L14	OAGGETTS PASS	19	13N	19E	7350						
16H2a	JACK CREEK, UPPER	9	42N	53E	7250	20L5	ECHO SUMMIT (CAL.)	6	11N	18E	7450						
16H4	JACKS PEAK	28	42N	53E	8420	19L2	FREEL BENCH (CAL.)	36	12N	18E	7300						
16H5	LAUREL DRAW	20	45N	53E	6700	19K6	GLENBROOK #2	13	14N	18E	6900						
17G4a	LOUSE CANYON (OREG.)	27	40S	44E	6440	19L3M5Z	HAGANS MEADOW (CAL.)	36	12N	18E	8000						
15H9MP	TAYLOR CANYON	35	39N	53E	6200	20L4	LAKE LUCILLE (CAL.)	28	12N	17E	8200						
INTERIOR																	
UPPER HUMBOLDT RIVER																	
15J17a	AMERICAN BEAUTY	32	31N	58E	7800	19K7	FOLEY LAKE (CAL.)	34	18N	13E	6500						
16H6a	COLUMBIA BASIN	31	44N	53E	6650	20K8	FURNACE FLAT (CAL.)	10	17N	13E	6700						
1SJ12a	CORRAL CANYON	27	28N	57E	8500	20K4MP	INDEPENDENCE CAMP (CAL.)	34	19N	15E	7000						
15J1MP	DORSEY BASIN	28	35N	60E	8100	20K5	INDEPENDENCE CREEK (CAL.)	14	19N	15E	6500						
15J3	ORY CREEK	5	34N	60E	6500	19K3	LITTLE VALLEY	9	18N	15E	8450						
15H7	FRY CANYON	31	43N	54E	6700	19K2	MT. ROSE	7	17N	19E	6300						
15J9MP	GREEN MOUNTAIN	23	29N	57E	8000	20K6	SAGE HEN CREEK (CAL.)	7	18N	16E	6500						
15J10	HARRISON PASS #1	9	28N	57E	6600	20K19	SQUAW VALLEY #2 (CAL.)	6	15N	16E	7500						
15J11	HARRISON PASS #2	16	28N	57E	7400	20K19M	TRUCKEE #2 (CAL.)	22	17N	16E	6400						
15J4	LAMOILLE #1	15	32N	58E	7100	20K2	WEBBER LAKE (CAL.)	29	19N	14E	7000						
15J5	LAMOILLE #2	14	32N	58E	7300	20K1	WEBBER PEAK (CAL.)	30	19N	14E	8000						
15J6M	LAMOILLE #3	24	32N	58E	7700	TRUCKEE RIVER											
15J7	LAMOILLE #4	19	32N	59E	8000	20K14	BOCA #2 (CAL.)	28	18N	17E	5900						
15J8P	LAMOILLE #5	31	32N	59E	8700	20K22	BROOKWAY SUMMIT (CAL.)	3	17N	16E	7100						
15J18a	POLE CANYON	31	35N	61E	9140	20K21	DONNER PARK #2 (CAL.)	18	17N	16E	6000						
15J16a	ROBINSON LAKE	23	33N	59E	9200	20K10*	DONNER SUMMIT (CAL.)	25	17N	14E	6900						
15H6MP	ROEO FLAT	36	43N	53E	6800	20K7	FOLEY LAKE (CAL.)	34	18N	13E	6500						
15J2	RYAN RANCH	1	34N	59E	5800	20K8	FURNACE FLAT (CAL.)	10	17N	13E	6700						
15H8	TREMewan RANCH	9	39N	55E	5700	20K4MP	INDEPENDENCE CAMP (CAL.)	34	19N	15E	7000						
15H10P	TROUT CREEK, LOWER	28	37N	61E	6900	20K5	INDEPENDENCE CREEK (CAL.)	14	19N	15E	6500						
15H11a	TROUT CREEK, UPPER	4	36N	61E	8500	19K3	LITTLE VALLEY	17	16N	19E	6300						
LOWER HUMBOLDT RIVER																	
17K1	BIG CREEK CAMP GROUND	10	17N	43E	6600	20K6	SAGE HEN CREEK (CAL.)	7	18N	16E	6500						
17K2	BIG CREEK MINE	23	17N	43E	7600	20K19	SQUAW VALLEY #2 (CAL.)	6	15N	16E	7500						
17K3	BIG CREEK, UPPER	26	17N	43E	8000	20K19M	TRUCKEE #2 (CAL.)	22	17N	16E	6400						
17H2	BUCKSKIN, LOWER	25	45N	39E	6700	20K2	WEBBER LAKE (CAL.)	29	19N	14E	7000						
17H1	BUCKSKIN, UPPER	11	45N	39E	8200	20K1	WEBBER PEAK (CAL.)	30	19N	14E	8000						
17J2	GOLCONOA #2	22	35N	39E	6000	CARSON RIVER											
17H4	GRANITE PEAK	22	44N	39E	7800	19L5	BLUE LAKES (CAL.)	30	9N	19E	8000						
17H5	LAMANCE CREEK	13	42N	38E	6000	19L4	CARSON PASS, UPPER (CAL.)	22	10N	18E	8600						
17L1	LOWER CORRAL	12	11N	40E	7500	19K5	CLEAR CREEK	6	14N	18E	7300						
17H3	MARTIN CREEK	18	44N	40E	6700	19L19a	EBBETS PASS (CAL.)	17	8N	20E	8700						
16H3AP	MIOAS	18	39N	46E	7200	19L6A	POISON FLAT (CAL.)	25	8N	21E	7900						
18H7	TOE JAM a	29	40N	50E	7700	19L16a	UPPER FISH VALLEY (CAL.)	18	7N	22E	8050						
17L2	UPPER CORRAL	20	11N	41E	8500	19L20a	WOLF CREEK (CAL.)	35	8N	20E	8000						
EASTERN NEVADA																	
14L1	BAKER #1	29	13N	69E	7950	19L18a	WET MEADOWS LAKE (CAL.)	26	9N	19E	8100						
14L2	BAKER #2	30	13N	69E	8950	WALKER RIVER											
14L3	BAKER #3	25	13N	68E	9250	19L11	BUCKEYE FORKS (CAL.)	20	4N	23E	8500						
14K2	BERRY CREEK	23	17N	65E	9100	19L10	BUCKEYE ROUGHS (CAL.)	15	4N	23E	7900						
14K1	BIRFO CREEK	34	19N	65E	7500	19L12a	CENTER MOUNTAIN (CAL.)	4	3N	23E	9400						
15J13	CALV CREEK	25	27N	57E	7500	18L1	LAPON MEADOW	36	8N	28E	9000						
15J14	HAGER CANYON	34	27N	57E	8000	19L8	LEAVITT MEADOWS (CAL.)	4	5N	22E	7200						
15J15	HOLE IN THE MTH	6	35N	61E	7900	19L17a	LOBELLI LAKE (CAL.)	20	7N	24E	9200						
14K8	KALAMAZOO CREEK	34	20N	65E	7400	18L2	MT. GRANT	23	8N	28E	9000						
14K3	MURRAY SUMMIT	26	16N	62E	7250	19L7M	SONORA PASS (CAL.)	1	5N	21E	8800						
15K1	ROBISON SUMMIT	23	18N	61E	7600	19L23SZ	SONORA PASS BRIDGE	6	5N	22E	BB00						
14K7	SILVER CREEK #2	30	16N	69E	8000	19M1*	TIOGA PASS (CAL.)	30	1N	25E	9800						
14K5	WARD MOUNTAIN #2	25	15N	62E	7875	19L13M	VIRGINIA LAKES (CAL.)	5	2N	25E	9500						
15L1	WHITE RIVER #1	31	13N	59E	7400	19L9	WILLOW FLAT (CAL.)	21	5N	23E	8250						
CENTRAL GREAT BASIN																	
18M2	CAMPITO MTN (CAL.)	19	5S	35E	10200	19L22 SZ	VIRGINIA LAKES RIDGE	32	3N	25E	9200						
18H5a	CHIATOVICH FLAT	32	25	34E	10500	COLORADO											
15N2	CLARK CANYON	8	19S	56E	9000	LOWER COLORADO RIVER											
18M1	MONTGOMERY PASS	4	1N	33E	7100	15N5	KYLE CANYON	27	195	56E	8200						
18M3a	PINCHOT CREEK	28	1N	33E	9300	15N4	LEE CANYON #1	10	195	56E	8400						
18M4a	PIUTE PASS (CAL.)	33	45	33E	11700	15N3	LEE CANYON #2	9	195	56E	9200						
15N1	ROUGH SPRINGS	23	1BS	55E	8500	15N8	LEE CANYON #3	10	195	56E	8500						
NORTHERN GREAT BASIN																	
19H1	BALO MOUNTAIN	17	45N	21E	6720	14M1	MATHEW CANYON	10	65	70E	6000						
20H5	BARBER CREEK (CAL.)	23	39N	16E	6500	14M2	PINE CANYON	23	65	69E	6200						
20H6	CEGAR PASS (CAL.)	12	43N	14E	7100	15N7	RAINBOW CANYON #2	6	205	57E	B100						
18G6a	GENO CREEK (OREG.)	14	41S	34E	6000	LEGEND											
18H1	OISASTER PEAK	8	47N	34E	5900	19K4	SNOW COURSE ONLY										
20H3a	OSIMI SWAMP (CAL.)	31	48N	22E	7000	19K4S	SNOW COURSE AND SNOW PILLOW										
20H4	EAGLE PEAK (CAL.)	35	40N	1SE	7200	19K4M	SNOW COURSE AND SOIL MOISTURE										
19H3	45-MTN	7	42N	19E	6000	19K4A	SNOW COURSE AND AERIAL MARKER										
19H2	HAYS CANYON	1	39N	1SE	6400	19K4P	SNOW COURSE AND STORAGE PRECIPITATION GAGE										
19H4a	LITTLE BALLY MTN	8	45N	19E	6000	19K4MA	SNOW COURSE, SOIL MOISTURE AND AERIAL MARKER										
17G5a	OREGON CANYON (OREG.)	9	41S	40E	7240	19K4MP	SNOW COURSE, SOIL MOISTURE AND PRECIPITATION GAGE										
17H6a	OUINN RIDGE	9	47N	41E	6300	19K4STZ	SNOW COURSE, SNOW PILLOW AND TEMPERATURE RADIO TELEMETERO.										
20H4	RESERVATION CREEK (CAL.)	12	46N	15E	5900	NUMBERING SYSTEM (EXAMPLE)											
18G5a	TROUT CREEK (OREG.)	10	41S	38E	7800	LOWER CASE LETTERS m, a, p, s, l, z, INDICATE NO SNOW COURSE, ONLY A SOIL MOISTURE STATION, AERIAL MARKER, STORAGE PRECIPITATION GAGE, SNOW PILLOW, TEMPERATURE, OR RADIO TELEMETERO.											

*LOCATED ON ADJACENT WATERSHED



WATER SUPPLY OUTLOOK

FOR NEVADA

MAY 1, 1969

EXCELLENT WATER SUPPLIES ARE IN ORDER FOR NEVADA WATER USERS THIS SUMMER. LAST WINTER'S RECORD SNOWPACK HAS PRODUCED VERY HEAVY SPRING FLOWS ON THE HUMBOLDT AND ITS TRIBUTARIES ALREADY THIS SPRING.

MOST OF THE HIGH SIERRA SNOWPACK STILL REMAINS AND INSURES EXCELLENT STREAMFLOW THROUGHOUT THE SUMMER IN WESTERN NEVADA.

RESERVOIR STORAGE HAS INCREASED SUBSTANTIALLY DURING APRIL, AND THE MOUNTAIN SOILS BENEATH THE SNOWPACK REMAIN SATURATED.

The low-elevation snowpack has melted throughout most of the state. Alternating warm- and cool-temperature periods have produced favorable melting rates for managing the flows produced from the low-elevation snowfields in Western Nevada. Conditions were not as favorable in Northeastern Nevada, however. Early and much greater-than-average snowmelt produced localized flooding on small streams and 500-percent-plus flows on the major rivers.

The remaining snowpack in the Sierra Nevada Mountains ranges from 219 percent of average on the Carson and Walker drainages to 201 percent of normal in the Lake Tahoe Basin. Most of the snowpack in the Humboldt Basin below 8400 feet has melted, but the high-elevation snowpack remains slightly above average. The high-elevation snowpack is 163 percent of normal in the White Pine County area. Snow remaining in the Warner Mountains is above 175 percent of average for this date.

Mountain soils are thoroughly saturated throughout the state and will benefit the remaining snowmelt runoff.

With the exception of Lake Tahoe, Nevada's major reservoirs have been filling during April. With the abundant streamflow, most reservoirs will end this irrigation season with excellent carry-over storage for the following year.

Streamflow forecasts have not been changed materially from those issued on April 1. Most streams are predicted to flow in excess of 200 percent for the April-through-July period.

April flows on Nevada streams ranged from a much-above-normal 270 percent in the west to an excessive 500 percent plus on the Humboldt. The Humboldt River, at the Palisade gaging station, flowed 171,000 acre-feet during April. This is 111 percent of the volume usually experienced for the entire April-through-July runoff period.

Most streams originating in the Sierra Range should reach their peak flows during the third full week in May. Streamflow volumes should remain sufficient for irrigation needs through mid-August in this area.

NEVADA STREAMFLOW FORECASTS - MAY 1, 1969

The following summarized runoff forecasts are based principally on mountain snow cover and the assumption that precipitation and temperature will be near average from the present time to the end of the forecast period. Appreciable deviations from normal of temperature and/or precipitation will correspondingly modify these forecasts.

BASIN and Forecast Stream	May-July Streamflow, Thousands			Acre-Feet	
	15-Yr. Forecast 1969	1969 Average 1953-67	% of 15-Yr. Av.	Measured Runoff 1968	1967
<u>TRUCKEE RIVER</u>					
Little Truckee River above Boca California ²	130	59	220 (206)	24	160
Truckee River at Farad, Calif. ^{1,2}	420	189	222 (213)	103	510
Lake Tahoe Rise in Feet (From May 1, assuming gates closed) ²	2.35	1.06	222 (204)	0.48	2.21
<u>CARSON RIVER</u>					
East Carson near Gardnerville, Nev.	300	143	210	92	289
West Carson at Woodfords, Calif.	95	40	238	25	75
Carson River near Carson City, Nev.	360	134	268	68	323
Carson River at Ft. Churchill, Nev.	370	123	301	57	298
East Carson near Gardnerville, Nev. (Date of 200 c.f.s. flow)	8/23	7/23	--	7/3	8/31
<u>Walker River</u>					
East Walker near Bridgeport, Calif. ¹ (May-August streamflow)	150	54	278	20	134
West Walker below E. Fork near Coleville, California	275	125	220	77	229
<u>COLORADO RIVER</u>					
Virgin River at Virgin, Utah ³ (May-June streamflow)	75	22	340	42	38

(Continued)

NEVADA STREAMFLOW FORECASTS - MAY 1, 1969 (Continued)

BASIN and Forecast Stream	May-July Streamflow, Thousands Acre-Feet					
	Forecast 1969	Average 1953-67	1969 as % of 15-Yr. Av.		Measured Runoff 1968 1967	
			15-Yr. 1969	1969 as % of 15-Yr. Av.	1968	1967
<u>HUMBOLDT RIVER</u>						
Lamoille Creek near Lamoille, Nev.	31	24	129	26	31	
S. Fork Humboldt near Elko, Nev.	85	50	170	38	70	
Marys River above Hot Springs, Nev.	22	21	105	10	23	
N. Fork Humboldt at Devils Gate, Nev.	18	17	106	2	22	
Humboldt River at Palisade, Nev.	150	122	123	69	175	
Humboldt River at Comus, Nev.	106	85	125	44	114	
Martin Creek near Paradise, Nev.	15	9	167	4	19	
<u>SNAKE RIVER</u>						
Owyhee River near Owyhee, Nev. ¹	60	38	158	11	45	
Owyhee River near Gold Creek, Nev. ¹	13	8	163	2	8	
Salmon Falls Creek near San Jacinto Nevada (May-July streamflow) ⁴	50	45	116	--	53	
<u>SURPRISE VALLEY</u>						
Bidwell Creek near Ft. Bidwell, Calif. ⁵	15.5	9.0	172	2.8	14.3	
Mill Creek near Cedarville, Calif. ⁵	5.0	3.5	143	1.3	5.0	
Deep Creek near Cedarville, Calif. ⁵	4.0	2.2	181	0.6	1.8	
Eagle Creek near Eagleville, Calif. ⁵	6.0	3.8	158	2.0	3.5	

1. Corrected for reservoir storage above station.
2. Forecast issued by Truckee Basin Water Committee.
3. Forecast issued by SCS, Salt Lake City, Utah.
4. Forecast issued by SCS, Boise, Idaho.
5. Forecast coordinated between SCS and California Department of Water Resources.

* Numbers in parentheses are forecast as percent of long-term average.

STATUS OF NEVADA RESERVOIR STORAGE

MAY 1, 1969

BASIN and Stream	RESERVOIR	USABLE CAPACITY (1000 AF)	STORAGE - 1000 ACRE-FEET				May 1 15-Yr. Av. 1953-67
			1969	1968	1967		
Owyhee	Wild Horse	72 *	26	7	8	25	
Lower Humboldt	Rye Patch	179	120	60	94	83	
Colorado	Mohave	1,810	1,710	1,694	1,675	1,717	
Colorado	Mead	27,217	15,476	14,780	14,530	16,002	
Tahoe	Tahoe	732	529	638	559	462	
Truckee	Boca	41	27	28	12	25	
Truckee	Prosser **	29	3	14	12	Storage began 1/30/63	
Carson	Lahontan	286	176	252	241	222	
West Walker	Topaz	59	15	52	38	42	
East Walker	Bridgeport	42	9	37	26	31	

* Reservoir enlarged to usable capacity of 72,000 acre-feet.

** Flood control use allocation of 20,000 acre-feet between November 1 and April 10.

TOTAL RESERVOIR STORAGE

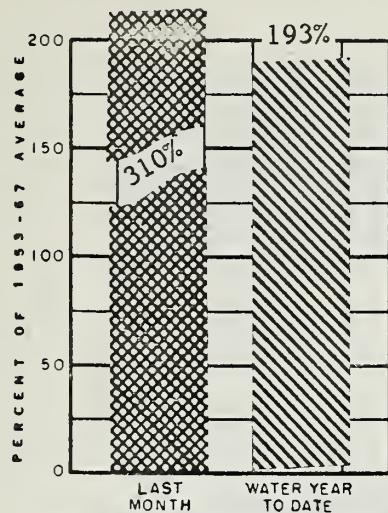
Developed from Wild Horse, Rye Patch, Tahoe, Boca, Lahontan, Topaz, and Bridgeport Reservoirs in 1000's Acre-Feet

MONTH	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	AVERAGE 1953-67
October 1	702	497	1135	559	965	649	656
January 1	748	789	1114	593	904	694	660
February 1	776	922	1051	736	939	881	715
March 1	774	949	1035	792	1025	922	768
April 1	774	1002	1054	943	1080	796	839
May 1	818	1103	1089	978	1074	902	890

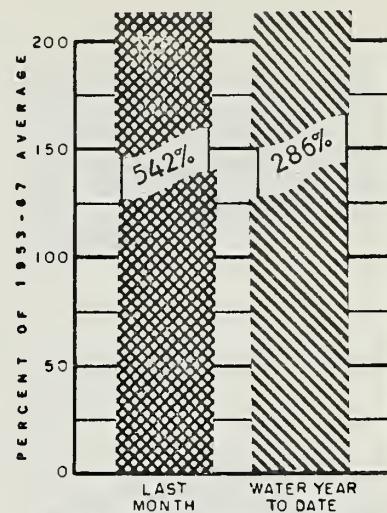
TOTAL USABLE CAPACITY 1,411

SELECTED CURRENT STREAMFLOW STATIONS

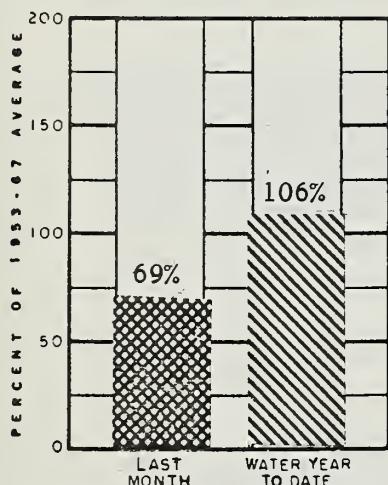
MAY 1, 1969



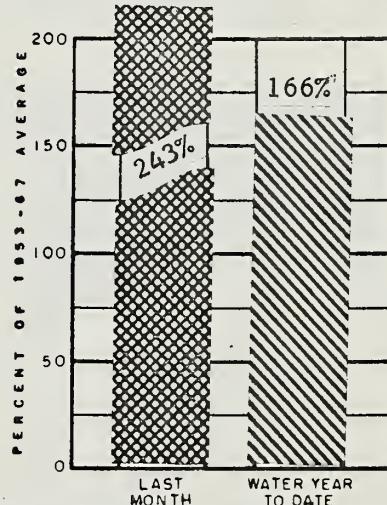
Owyhee near Owyhee, Nev.



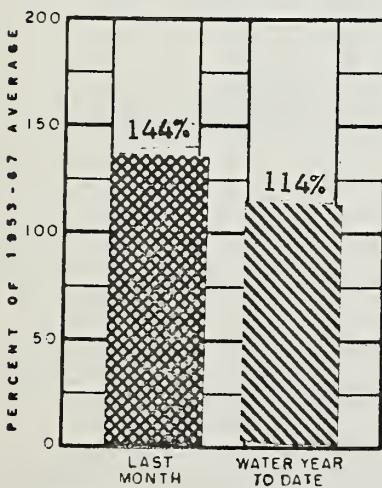
Humboldt at Palisade, Nev.



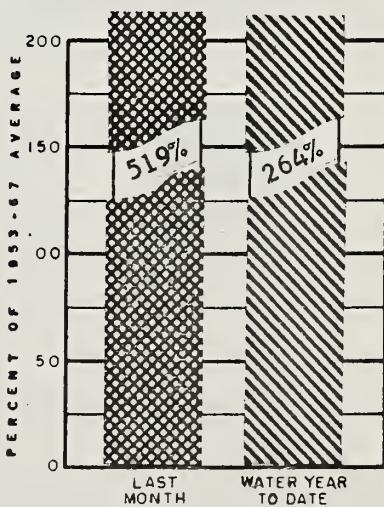
Truckee at Farad, Calif.



Carson near Carson City, Nev.



W. Walker near Coleville, Calif.

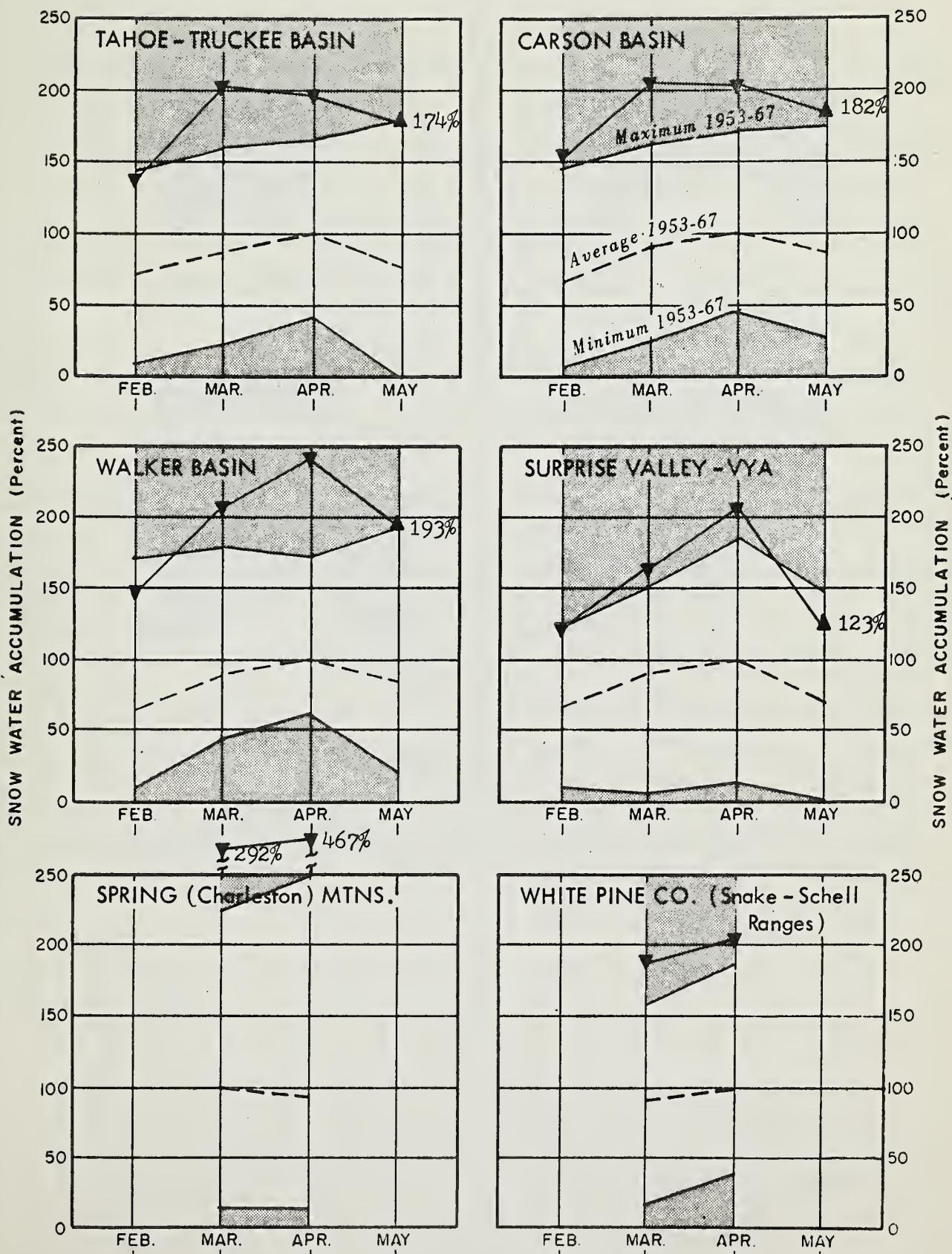


Virgin at Littlefield, Ariz.

SNOW WATER ACCUMULATION IN NEVADA

Percent of average maximum accumulation

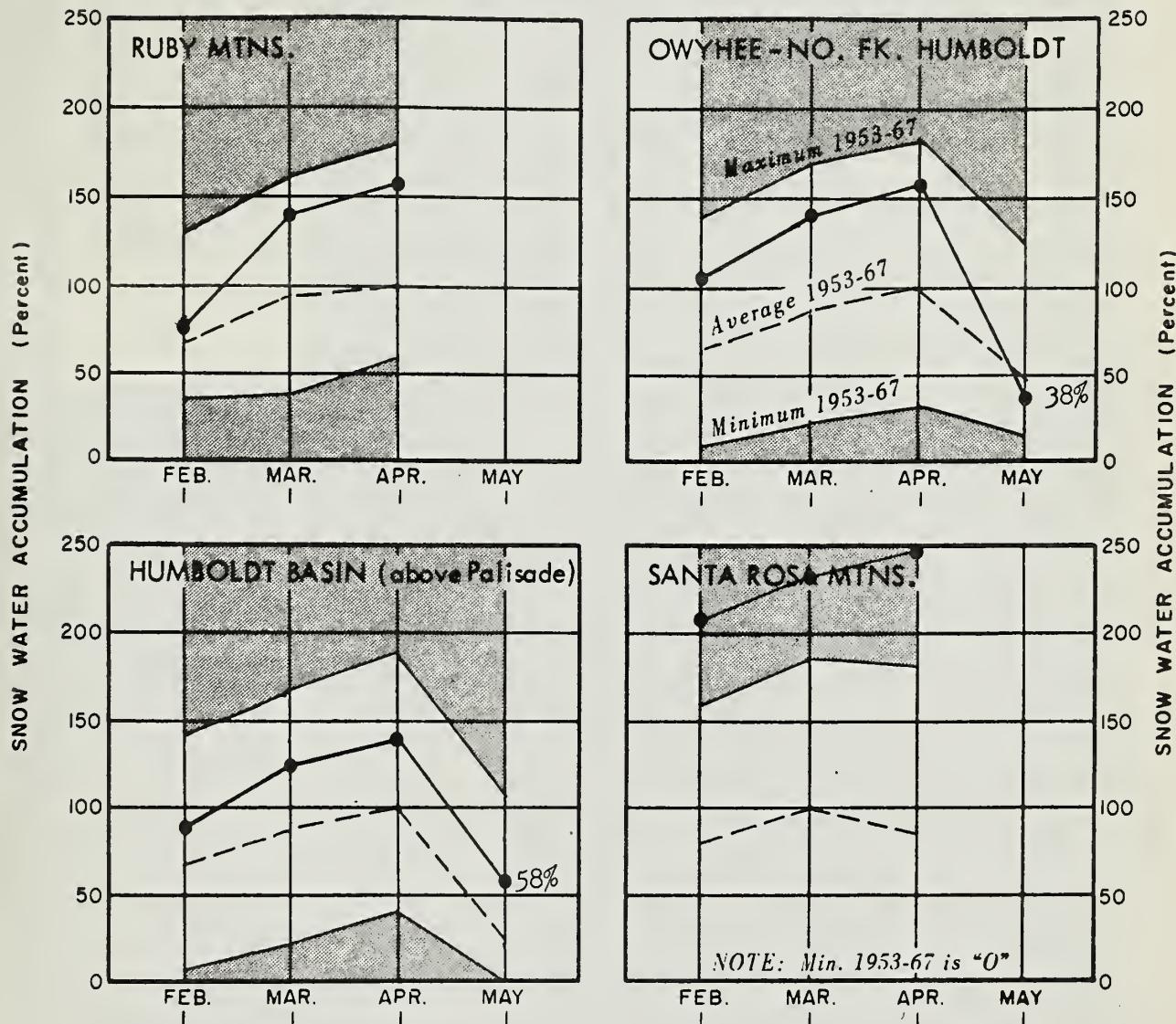
May 1, 1969



SNOW WATER ACCUMULATION IN NEVADA

Percent of average maximum accumulation

May 1, 1969

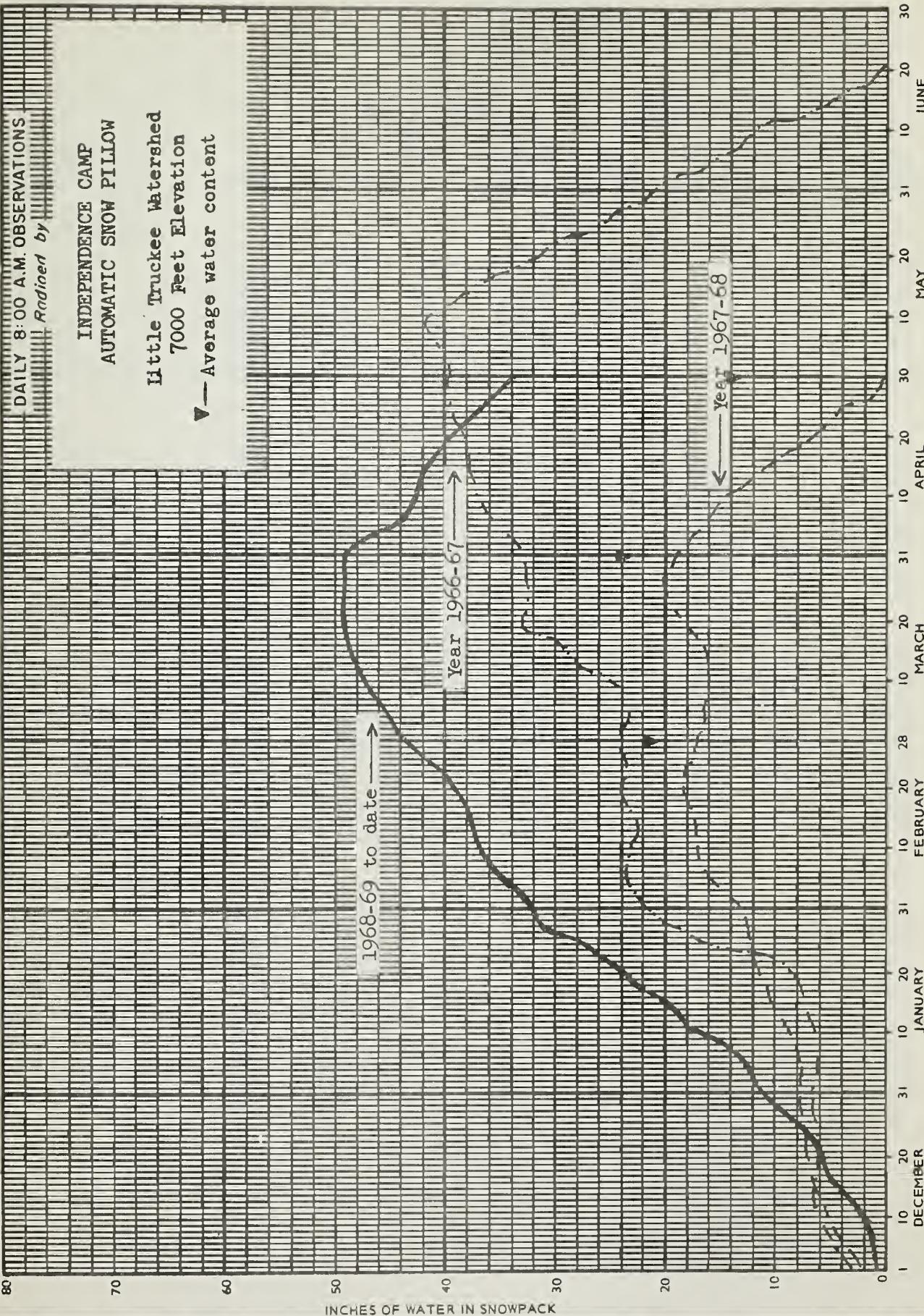


NOTE:

— 1969

----- 1953-67

U.S.D.A. SOIL CONSERVATION SERVICE DAILY RADIO REPORTS BY AUTOMATIC SNOW MEASURING STATION



NEVADA SNOW SURVEYS

May 1, 1969

WATERSHED and Snow Course	Elev.	May 1, 1969			Water Content (Inches)			
		Date of Survey	Snow Depth (In.)	Water Content (In.)	May 1 1968	May 1 1967	1953-67 Av.	April 1 1969
<u>WALKER-CARSON</u>								
Blue Lakes	8000	4/28	124	60.5	20.4	60.0	29.7	66.3
Carson Pass, Upper	8600	4/25	125	63.0	18.2	62.8	31.5	68.6
Sonora Pass	8800	4/29	85	44.8	10.2	42.6	18.0 *	57.4
Virginia Lakes	9500	4/28	66	34.9	---	37.5	13.5 *	40.1
Virginia Lakes Ridge	9200	4/28	72	34.4	7.1	---	---	37.3
<u>TAHOE</u>								
Echo Summit	7500	4/28	110	59.9	6.6	54.2	22.4	65.6
Freel Bench	7300	4/29	28	13.6	0.0	21.5	---	31.2
Hagans Meadow	8000	4/29	51	26.9	0.4	32.4	---	39.8
Marlette Lake	8000	4/30	72	38.7	8.9	40.6	---	45.4
Ward Creek #2	7000	4/30	127	68.9	20.2	---	---	82.4
Ward Creek #3	6750	4/30	112	61.3	17.2	64.5	---	68.4
<u>TRUCKEE</u>								
Donner Summit	6900	4/28	136	60.4	10.5	62.8	28.9	69.8
Fordyce Lake	6500	4/28	123	70.0	24.2	64.2	31.7 *	71.7
Furnace Flat	6700	4/28	136	79.2	30.9	71.3	39.6 *	84.5
Independence Camp	7000	5/01	69	34.5	3.3	41.3	14.4 *	46.7
Independence Creek	6500	5/01	36	15.9	1.6	---	---	29.1
Independence Lake	8450	5/01	140	68.0	---	74.1	29.8 *	66.5
Sage Hen Creek	6500	5/01	53	24.8	---	34.2	---	36.6
Squaw Valley #2	7500	5/01	155	82.5	35.4	82.1	---	84.0
<u>HUMBOLDT</u>								
Fry Canyon	6700	4/24	0	0.0	0.0	6.0	1.0 *	11.9
Rodeo Flat	6800	4/24	0	0.0	0.0	4.6	1.2 *	8.9
Tremewan Ranch	5700	4/24	0	0.0	0.0	0.0	---	3.7
Green Mountain	8000	4/30	17	7.0	T	---	---	18.3
Lamoille #1	7100	5/01	0	0.0	T	---	---	7.4
Lamoille #2	7300	5/01	0	0.0	0.0	---	---	14.6
Lamoille #3	7700	5/01	14	6.0	5.5	---	---	17.2
Lamoille #4	8000	5/01	33	14.2	13.5	---	---	23.3
Lamoille #5	8700	5/01	57	27.1	23.6	---	---	32.8
<u>SURPRISE VALLEY</u>								
Cedar Pass	7100	4/29	42	18.5	6.0	22.3	9.8	23.6

(Continued)

NEVADA SNOW SURVEYS (Continued)

May 1, 1969

WATERSHED and Snow Course	Elev.	May 1, 1969			Water Content (Inches)			
		Date of Survey	Snow Depth (In.)	Water Content (In.)	May 1 1968	May 1 1967	1953-67 Av.	April 1 1969
WHITE PINE COUNTY								
Berry Creek	9100	4/29	56	22.8	15.5	21.8	14.0 *	23.2
Bird Creek	7500	4/29	0	0.0	0.0	---	---	4.7
SNAKE-Owyhee								
Bear Creek	7800	4/28	46	20.3a	15.2a	27.0a	19.4 *	27.3
Big Bend	6700	4/24	0	0.0	0.0	T	0.9 *	10.4
Gold Creek	6600	4/24	0	0.0	0.0	0.0	0.0 *	8.0
Jack Creek, Lower	6800	4/24	0	0.0	0.0	T	0.2 *	5.3
Jack Creek, Upper	7250	4/24	0	0.0	0.0	11.6	3.5 *	12.4
Jacks Peak	8420	4/24	0	0.0	21.7	31.4	26.6 *	NS
Taylor Canyon	6200	4/29	0	0.0	0.0	0.0	0.1 *	10.4
Goat Creek	8800	4/28	36	15.9a	16.4a	25.4a	18.2 *	22.6
Hummingbird Springs	8945	4/28	75	30.0a	20.5a	32.6a	22.8 *	30.0
Pole Creek R. S.	8330	4/29	49	21.6	19.7	24.2	21.6 *	23.0
Red Point	7940	4/28	0	0.0a	0.0a	18.0a	9.0 *	10.2

* Adjusted average

a Aerial snow depth gage; water content estimated.

NS No survey

SOIL MOISTURE

STATION	Elevation	Profile (Inches)		Soil Moisture (Inches)		
		Depth	Capacity	Date	This Year	Last Year

NORTHEAST NEVADA

Big Bend	6700	48	16.7	4/24	16.5	16.4	15.9
Jack Creek, Lower	6800	48	8.7	4/24	8.3	8.3	8.3
Rodeo Flat	6800	42	11.0	4/24	11.0	10.9	9.2
Taylor Canyon	6200	48	15.1	4/29	15.0	14.6	13.2

SIERRAS

Hagans Meadow	8000	36	3.65	4/29	3.6	3.2	3.3
Independence Camp	7000	34	6.10	5/01	5.3	5.5	5.3
Marlette Lake	8000	50	3.70	4/30	3.7	3.3	3.6
Sonora Pass	8800	48	8.30	4/29	8.3	8.3	8.3
Ward Creek	7000	49	5.80	4/29	5.8	5.2	---

DELAYED DATA AND ERRATA

SNOW SURVEYS

Snow Course	Elevation	Plate Number	Date of Survey	Snow Depth (Inches)	Water Content (Inches)
Donner Summit	6900	1	3/04/69	190	<u>74.4</u>
Ward Mountain #2	8900	6	3/01/69	<u>60</u>	<u>16.2a</u>
White River #1	7400	6	3/03/69	50	<u>13.2</u>
Trout Creek, Upper	8500	7	2/27/69	<u>96</u>	<u>30.8a</u>
Sonora Pass	8800	2	3/25/69	120	<u>51.4</u>
Eagle Peak	7200	12	<u>4/02/69</u>	<u>47</u>	<u>20.1</u>

a Aerial snow depth gage; water content estimated.

Agencies Cooperating in Collecting Data Contained in this Bulletin

FEDERAL

Agricultural Research Service
Army
Bureau of Reclamation
Fish and Wildlife Service
Forest Service
Geological Survey
Navy
Soil Conservation Service
U.S. District Court - Federal Water Master
Weather Bureau

STATE

California Cooperative Snow Surveys
California Department of Parks and Recreation
California Department of Water Resources
Colorado River Commission of Nevada
Idaho Cooperative Snow Surveys
Nevada Association of Soil Conservation Districts
Nevada Cooperative Snow Surveys
Nevada Department of Conservation & Natural Resources
Division of Water Resources
Nevada State Forester-Firewarden
Oregon Cooperative Snow Surveys
University of Nevada
Utah Cooperative Snow Surveys
White Mountain Research Station, Univ. of California

PRIVATE

Amalgamated Sugar Company
Kennecott Copper Corporation
Nevada Irrigation District
Owyhee Project North Board of Control
Owyhee Project South Board of Control
Pacific Gas & Electric Company
Pershing County Water Conservation District
Sierra Pacific Power Company
Squaw Valley Development Company
Truckee-Carson Irrigation District
Walker River Irrigation District
Washoe County Water Conservation District

Other organizations and individuals furnish valuable information for the snow survey reports. Their Cooperation is gratefully acknowledged.

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domestic and municipal water
supply, hydro-electric power
generation, navigation,
mining and industry

*"The Conservation of Water begins
with the Snow Survey"*